

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

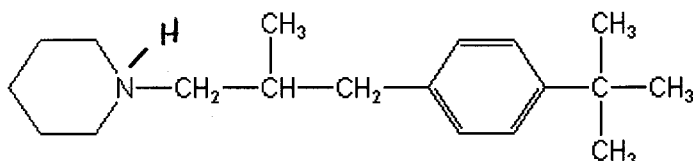
### Analyte: Fenpropidin

CAS No.: 67306-00-7

Formula: C<sub>19</sub>H<sub>31</sub>N

Molecular mass (lowest isotopes): 273,25 amu

Structure:



Ionisation: ESI +

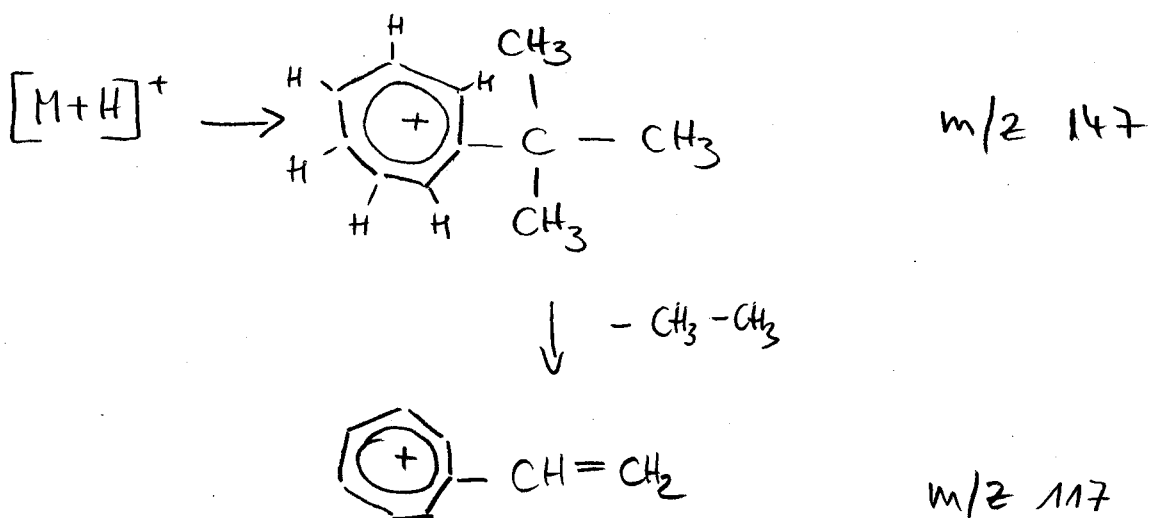
Quasimolecular ion: 274,2 amu = [M+H]<sup>+</sup>

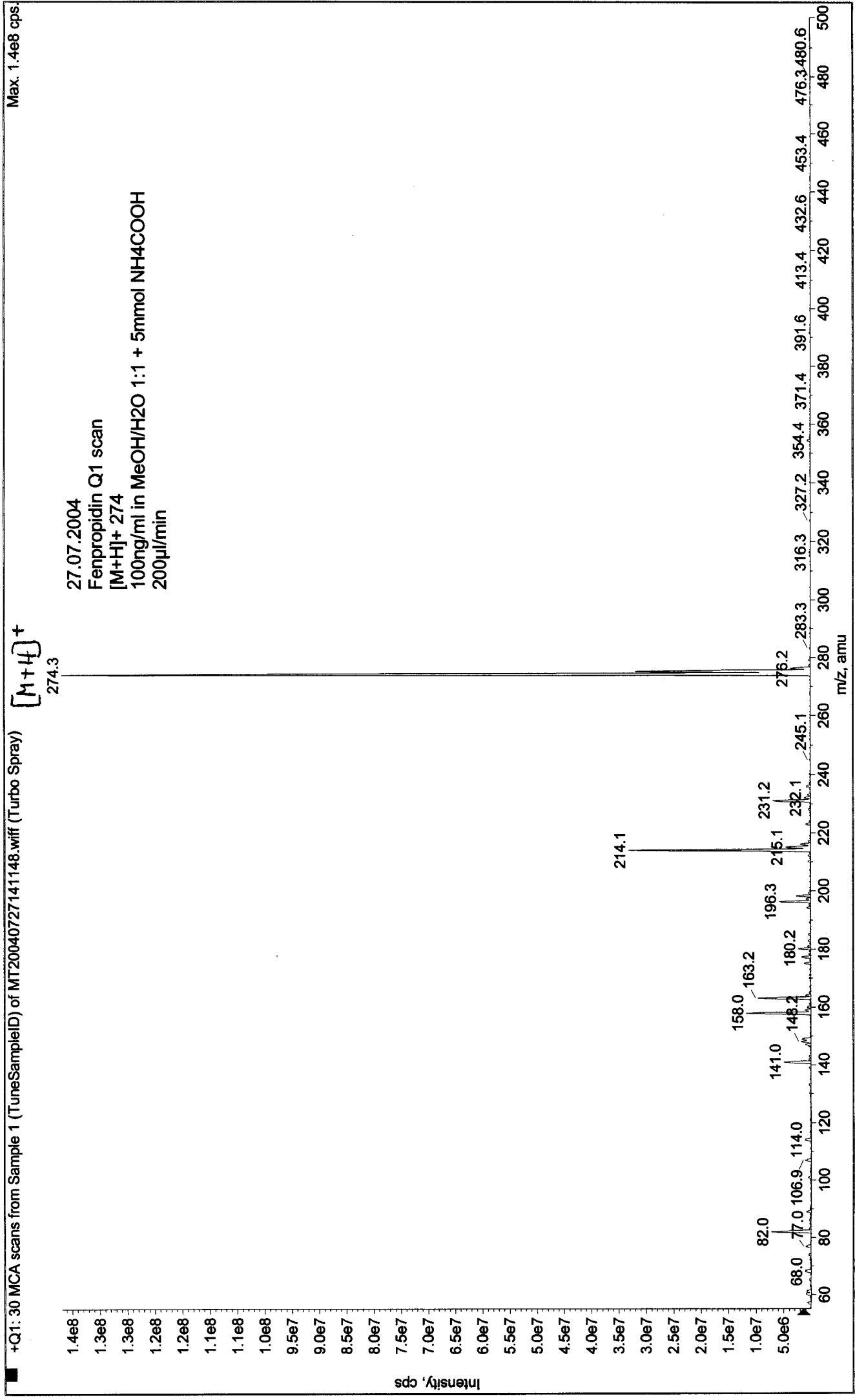
Analyte sensitive parameter set (API 2000)

Transition	274,2 → 147,1	274,2 → 117,1
Declustering potential (DP) <sup>*)</sup>	51 V	51 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	10,0 V	9,5 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	37 V	65 V
Collision cell exit potential (CXP)	8 V	6 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

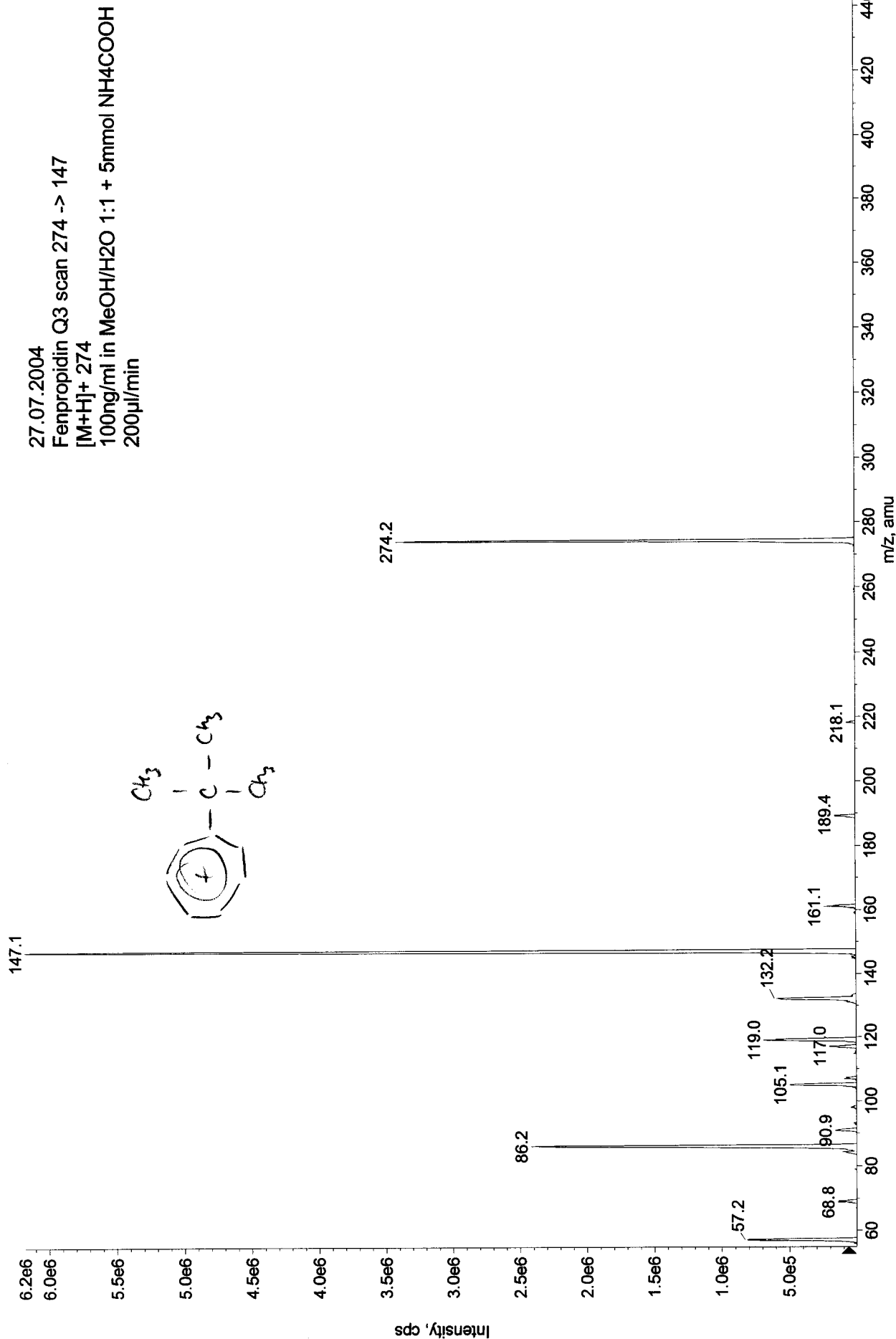
### Fragmentation





Max. 6.2e6 cps.

■ +MS2 (274.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727141428.wiff (Turbo Spray)



Max. 4.7e6 cps.

■ +MS2 (274.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040727142322.wiff (Turbo Spray)

